

Use inductive reasoning to fill out the rest of the table.

①

x	y
0	10
1	5
2	0
3	-5
7	?
x	?

②

x	y
0	13
1	17
2	21
3	25
10	?
x	?

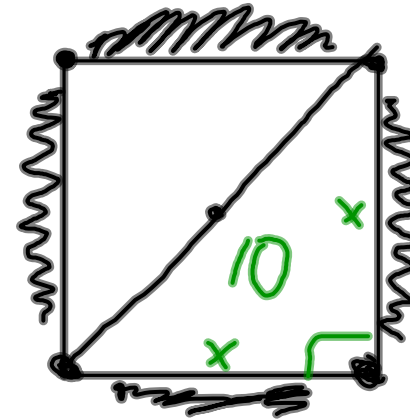
Follow the directions to complete each construction.

Draw obtuse angle PQR. Copy angle PQR and call the copy angle XYZ. Then CONSTRUCT the angle bisector of angle XYZ.

Draw segment AB. Then CONSTRUCT the perpendicular bisector of the segment.

The diameter of the circle is also the diagonal of the square. The diameter of the circle is 10 units

- a) Find the Area of the circle.
- b) Find the length of one side of the square.
- c) use your answer from b) to find the area of the square.
- d) find the area of the shaded region.



Book Problem for review:

Problems: Pg 58 #73-74

Answers: 73) 64 74) 2336

Problems: Pg 46 #30-31

Answers: 30) (8,18) 31) (4,-11)

Problems: Pg 47 #46-47

Answers: 46) a. 5.4 b. (-1,0.5)

47) a. Z b. about 12

Problems: Pg 38 #11-12

Answers: 11) 15; 48 12) 11;56